

The World Of **COMMODORE**
AMIGA®

**Commodore
Releases
Newest
Amiga!
The
A1200**



Featuring:

- ✓ Amiga 600, 1200, & 4000
- ✓ The Latest in Software
- ✓ New Hardware Releases

- ✓ Free Seminars
- ✓ Desktop Video
- ✓ AmigaVision 3.0

Toronto, Ontario

December 4-6, 1992

**The Toronto International Centre
Mississauga, Ontario**

Friday, Saturday & Sunday 10:00 a.m. - 6:00 p.m.



The Reviews Are In. OpalVision Sets a New Standard of Excellence

"Undoubtedly the finest, most professional paint program to arrive on the Amiga, OpalPaint has at one bound caught up with the best Macintosh software, and set a new, much higher standard for other Amiga packages to emulate."

—Brian Larkman, Amiga Format Magazine, England

"In even its first release, OpalVision is awesome! If you've been sitting on the Amiga's 24-Bit sideline, waiting for the technology to mature, the time to act is now!"

—Tony Gomez, Camcorder Magazine, USA

"OpalVision is exciting for everyone in the Amiga community and will enjoy a long and successful life. Professional quality at this price can't be turned away."

—Gary Fenton, Amiga User International Magazine, England

"OpalVision is an amazing delight. It comes closer to simulating a classical painting environment than any other hardware or software combination I've tried. It's great!"

—Hank Tucker, Producer for Disney TV Animation

"I asked both a traditional artist unfamiliar with computers and a video artist familiar with Amigas and other computers to try OpalPaint. The verdict was unanimous—*brilliant*—and who am I to disagree? The best fun I've had for ages."

—Gary Whiteley, Amiga Shopper, England

OpalVision News Flash!

OpalAnimMATE Is Here!

Our powerful new animation player lets you run OpalVision animations at rates of up to 60 frames per second. It works in 8, 12, 15, 18 and 24-Bit modes and features selectable screen sizes from 32 x 20 to 768 x 286 pixels. Features an easy Workbench interface, dynamic DMA allocation for best frame rates on slower (68000-based machines), and will play animations directly from a hard drive. Our delta compression feature creates small files and fast playback rates.

Amiga Developers Create OpalVision Software:

These are just a few of the titles that are already available or that will be released very soon:

ASDC - Art Department Professional and Morph Plus

Adspec Programming - Aladdin 4D

Black Belt Systems - ImageMaster

SCALA - MultiMedia 200 and InfoChannel

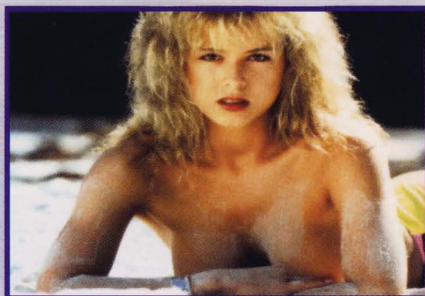
RGB Computer & Video - AmiLink Video Editing Products

Amazing Computers - Transporter single frame recording software

Texture City - Texture City 24-bit image libraries

Progressive Peripherals and Software - 3D Professional

OpalVision also works with A4000 and AA Chipset!



The OpalVision Main Board

- An internal card which operates in any Amiga computer with a video slot.
- A true 24-bit frame buffer and display device with 16.8 million colors available for every pixel.
- Uncompromised, 24-bit higher-than-broadcast-quality, crystal-clear images.
- Standard Amiga graphics and animations can appear in front of or behind OpalVision images on a pixel-by-pixel basis.
- Performs double-buffered 24-bit and 15-bit animation in medium and low resolution modes and 8-bit double-buffered animation in all resolutions.
- VLSI graphics coprocessor enables resolution changes, stencil modes, a host of transition effects and smooth scrolling between screens.
- "Palette-Mapped" design updates screen colors in real-time. Fade pictures in and out and change their palettes on the fly.
- Double buffered full 24-bit, 15-bit and 8-bit true color modes, 24-bit and 8-bit palette-mapped display modes, Dual Playfield and Overlay Priority stencil modes.
- Priority mask definition specifies foreground/background areas in 24-bit images.
- Microcode graphics processor for system control, priority switching, hardware scrolling and panning.
- 20ns video switch to freely mix Amiga and OpalVision graphics.
- Expansion connectors for available Framegrabber/Genlock and Scan-Rate Converter hardware modules.
- Expansion socket for the "Roaster Chip," a live video special effects processor.
- Automatically self-configures for NTSC or PAL operation.
- 24-bit RGB output with video bandwidth >7 MHz. Equipped with 1.5 MB of display RAM.

OpalVision Software

Every OpalVision Main Board includes a full range of software to let you start creating graphics, animations and presentations immediately:

OpalPaint

Everyone is excited about OpalPaint. In fact, nearly everyone who's spent any time using it says it's the best paint program on the Amiga. And with good reason. It's Fast. Real-time. Full 24-Bit. OpalPaint gives you complete control over OpalVision's 16.8 million color palette. Includes a full-range of drawing tools and an expandable library of image-processing modes with adjustable parameters, complete texture-mapping capabilities, transparency and color gradients, multiple work modes, nozzle brushes, pre-defined palettes and many other comprehensive tools. Unique and powerful features like real-world "Artist's tools" and paper types, multiple stencil types, virtual memory support and compatibility with the pressure-sensitive Wacom drawing tablet provide a level of support for artistic creativity never before available on the Amiga.

Also included are **OpalAnimMATE** (see News Flash on previous page), **Opal Presents!**, an icon-driven presentation program, **OpalVision Hot Key**, a powerful and very useful image display utility and the world's first 24-Bit game, **King of Karate**.

The OpalVision Main Board is the core of a complete video system.

Enhancement Modules are on the way which add exceptional graphic and video features to the OpalVision Main Board. Create a complete video production studio by adding some or all of the OpalVision Expansion modules. The modules connect directly to the Main Board without tying up Amiga slots.

Frame Grabber + Genlock Module

24-Bit real-time framegrabbing and better-than-broadcast-quality genlocking with S-Video, RGB and composite inputs and outputs. Real-Time video effects, transitions and color processing.

Quad-input Production Switcher

Complete video switching capabilities. Includes four S-VHS, four composite and one RGB input. Three outputs: Composite, S-Video and RGB. Combine two live video sources, 24-Bit OpalVision and Amiga-generated graphics.

OpalVision Scan-Rate Converter

Perfect for desktop publishing and graphic arts applications. Generates flicker-free 24-Bit and Amiga graphics. Can also be used as a separate 24-Bit frame store for multimedia applications.

OpalVision Roaster Chip

Amazing, complex Digital Video Effects. Real-time processing of live video. "Picture-in-Picture" capability. Includes pre-made effects and provides for the creation of custom effects.

OpalVision Authorized Distributors

Germany	VIDEOCOMP Frankfurt Ph: 49 (069)-507-6969 Fax: 49 (069)-507-6200
U.K.	ZCL Lichfield Staffs Ph: (44)543-414817 Fax: (44)543-250713
Spain	ARKOFOTO SA Barcelona Ph: (34)3501-0020 Fax: (34)3518-0277
Norway	CAPELLA AS Oslo Ph: (47)220-0806 Fax: (47)220-0805
France	CIS Pessac Ph: (33)563-63441 Fax: (33)563-62846
Sweden	KARLBURG & KARLBURG AB Bjarred Ph: 46 (464)7450 Fax: 46 (464)7120
Italy	KB SRL Cadrano Di Granarolo (Bologna) Ph: (39)517-65563 Fax: (39)517-65568
Denmark	SCALA COMPUTER TELEVISION Herlev Ph: 45 (44) 53 11 77 Fax: 45(44) 53 11 73
Holland	TAKE ONE PRODS. Heerlen Ph: 31-(45)225-783 Fax: 31-(45)212-263
USA	Micro-PACE Distributors, Inc. Illinois Ph: (217) 356-1884 Fax: (217) 356-0097 AMERICAN SOFTWARE AND HARDWARE DISTRIBUTORS, INC. Illinois Ph: (217) 384-2050 Fax: (217) 384-2055

**INCREDIBLE
VIDEO BOARD
TRADE-IN OFFER!**

SEND US YOUR OLD VIDEO BOARD AND YOU'LL SAVE
HUNDREDS OF DOLLARS ON AN AWESOME, NEW
OPALVISION MAIN BOARD. CALL NOW FOR DETAILS:

1-800-621-2202
LIMITED TIME OFFER! ACT NOW!*



Centaur Development

P.O. Box 4400, Redondo Beach, CA 90278
Phone: (310) 542-2226 FAX: (310) 542-9998
OpalVision BBS: (310)793-7142



*Centaur reserves the right to limit this offer to specific video boards and/or quantities which will be accepted as trade-ins at Centaur's discretion. Centaur may alter or change the terms and conditions of this offer at any time at its sole discretion. Please call Centaur for complete details.

OpalVision, OpalPaint, Opal Presents and OpalVision Roaster Chip are trademarks of Opal Technology, Ltd. OpalAnimMATE and King of Karate are trademarks of Centaur Development, Inc. Other brands and product names are trademarks or registered trademarks of their respective holders.

Soft-Logik fonts and clip art.

When You Need to Set the Mood...

...get the Soft-Logik Typeface and Graphic Libraries. No other font and art collection for the Amiga comes close in selection, quality and value. Choose from the 600 fonts in our Typeface Library and the 21 volumes of vector clip art in our Graphic Library. Until now, Amiga users have had to look to other computers for quality fonts and clip art. But now the Soft-Logik Typeface and Graphic Libraries provide everything you need in one convenient collection.

Good Quality, Good Value

Buying Amiga doesn't have to mean paying more for less. Check out our fonts at just \$12.50 per typeface weight and style (\$100 minimum order). Our clip art is a super deal at just \$99 per volume. We've even bundled some clip art volumes to save you even more money. Call for details.

Compatibility

Soft-Logik clip art is sold in Adobe Illustrator format EPS files. These can be used with any PostScript compatible program, or can be imported into PageStream for editing and printing to any type of printer.

The Typeface Library is available in PostScript Type 1 format, the industry standard for text and graphics applications. Soft-Logik fonts are licensed from font foundries like ITC and ATF and can be used with PageStream 2, Professional Page 3.0 and Saxon Publisher 1.2.

POSTSCRIPT AND COMPUGRAPHIC PACKS **NEW!**

STARTER FONTS \$99 (8 fonts)	NEWSLETTER FONTS \$99 (8 fonts)	CLASSIC FONTS \$199 (16 fonts)	DESIGNER FONTS \$199 (16 fonts)
---	--	---	--

PostScript and Compugraphic packs sold separately. Call for our free font and clip art poster. DTP users should buy PostScript packs. Other applications which use Workbench 2.04 Compugraphic fonts should purchase Compugraphic packs.

**Order
Now!**

1-800-829-8608

PageStream is a registered trademark of Soft-Logik Publishing Corporation. Compugraphic and Intellifont are registered trademarks of Agfa Compugraphic. Amiga and Workbench are registered trademarks of Commodore Business Machines. Professional Page is a registered trademark of Gold Disk Inc. Saxon Publisher is a registered trademark of Saxon Industries. The clip art in the Graphic Library is monochrome, but can be colorized with PageStream as shown here.

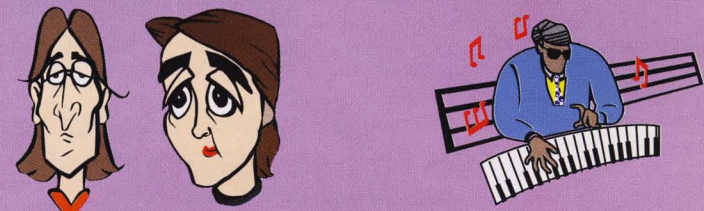
The Fighting Forties



THE FABULOUS FIFTIES



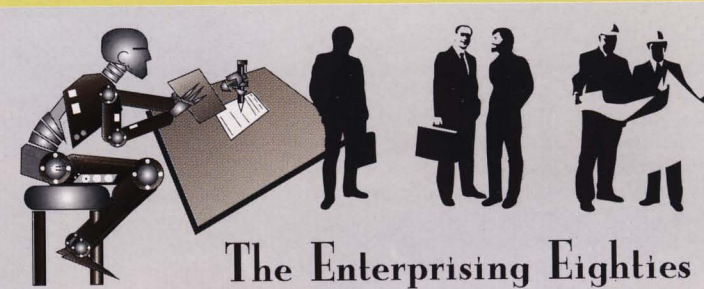
THE PSYCHEDELIC SIXTIES



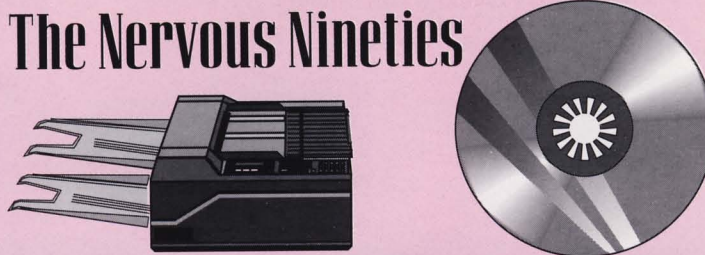
The Swinging Seventies



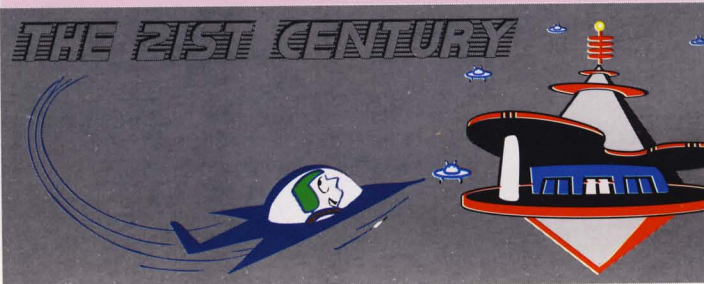
The Enterprising Eighties



The Nervous Nineties



THE 21ST CENTURY





Dear Showgoers:

We at Commodore and our Dealers welcome you to the 10th Anniversary of the World of Commodore in Toronto. Commodore was founded in 1958 in Toronto, and the first World of Commodore show was hosted in this same city in 1982.

This show is a special one for all of us at Commodore and it comes at one of our most exciting times. We recently launched the Amiga 600, Amiga 600HD, AmigaVision 3.0, AmigaDos 2.1 and 3.0, the A570 CD-ROM drive for the A500 -- as well as the spectacular Amiga 4000.

We are pleased to announce the Amiga 1200 at this year's show. The A1200 features the AA chipset and 32-bit 68E020 processor. The product has many more impressive features so please visit our booth for various presentations.

Commodore also welcomes you to view our latest line of MS-DOS products. This is a fully featured product line with models in the 386SX-25, 386DX-33, 486SX-25, 486DX-33 and notebook categories.

Third party software companies and software developers have travelled a long distance to demonstrate their products. The wonderful new software and peripherals introduced will allow you to expand the use of our products into areas beyond your imagination.

These past few months have been busy times at Commodore. We invite you to explore the many facets of Commodore and our products. Exciting new hardware and software products are exhibited for your perusal. Enjoy yourself at the show and thank you for making the 10th Anniversary of the World of Commodore a successful event.

Yours very truly

A handwritten signature in cursive script, reading 'Douglas M. MacGregor'.

Douglas M. MacGregor
President and General Manager

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Fax: (416) 494-9755

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Fax: (613) 724-3830

Quebec

3100 Cote Vertu, Suite #455
St. Laurent, Quebec H4R 2J8
Telephone: (514) 745-3804
Fax: (514) 745-5955

FRIDAY DECEMBER 4, 1992

11:00 AM

Jim Butterfield

The guru of Commodore computing offers his unique perspective on the Amiga and other Commodore computers, drawing on his personal, encyclopedic knowledge of computing issues. Always one of the most entertaining and well-attended events at WOC Amiga. Come early to get a seat!

12:00 Noon

Scala MM200 and the Amiga—Ultimate Multimedia

Scala, Inc. demonstrates multimedia like you've never seen it done before. The highlight of this presentation will be the new Scala MM200, combining some of the most upbeat graphics, animations, soundtracks, and special effects ever. Fasten your seatbelts, put in your earplugs, and settle in for a memorable rock and roll performance.

1:00 PM

Centaur Demonstrates OpalVision

Centaur Development demonstrates the new OpalVision 24-Bit Graphics and Video System. The first in a series of modules, the OpalVision Mainboard, has just been released. This expandable board upgrades the Amiga's graphics to true 24-bit RGB. *OpalPaint*, the remarkable painting and image manipulation software, will be demonstrated, as will *OpalPresents!* and other included software. The complete OpalVision system, including the upcoming genlock/framegrabber module and the "Roaster Chip" digital video effects unit will be explained in both general and technical terms.

2:00 p.m.

Commodore New Product Overview

With a host of new Amiga and MS-DOS compatible computers released in the last quarter of 1992, Commodore offers a radically expanded product line since last year's show. Share the excitement as Commodore accelerates into 1993 with four new Amiga models (A600, A1200, A3000T/40, A4000) and a full range of MS-DOS compatible desktop and notebook computers.

3:00 PM

Gold Disk Demonstrates Desktop Publishing

Gold Disk uses *Professional Page 4.0* and *Professional Draw 3.0* with Genies to quickly and easily create professional documents including newsletters, flyers, and reports.

4:00 PM

Electronic Arts DeluxePaint 4.5

Jeff Evans demonstrates illustration and animation on the Amiga 4000 with the powerful new version 4.5 of *DeluxePaint*. With this state-of-the-art graphics program, you can use up to 256 colors at a time from a palette of 16.8 million colors, or even paint and animate in an awesome 256,000 colors at once! With *DeluxePaint 4.5*, the Amiga continues to be the market leader in desktop video and graphics.

5:00 PM

Soft-Logik Unveils Art Expression

Come to the premiere screening of *Art Expression*, the Amiga illustration program. See how you can get more tools, more power, and the ability to unleash your creativity with Soft-Logik's structured drawing program.

SATURDAY DECEMBER 5, 1992

10:30 AM

GVP in Multimedia—Desktop Video Becomes a Reality With the IV24

This seminar is an ideal opportunity for both video enthusiasts and professionals to learn how the Amiga can be transformed into a multimedia video solution. Utilizing an interactive video presentation, GVP's video expert Paul Higginbottom discusses the powerful features of the IV24 and introduces *Desktop Darkroom* and *MYlad*, two powerful new software packages for the multifunctional video board.

11:30 AM

AmigaVision 3.0: Multimedia Authoring Reaches New Heights

Noted writer and Amiga aficionado Lou Wallace of *AmigaWorld* takes you through the new features and highlights of *AmigaVision 3.0*, the latest, most feature-packed version of Commodore's ground-breaking Amiga authoring system.

12:30 PM

Keynote Address by Lou Eggebrecht, Vice President of Engineering, Commodore International

Lou Eggebrecht discusses the direction of Commodore's Amiga R&D, as shown in the recently unveiled Advanced Graphic Architecture (AGA) Amigas, the A4000 and A1200. The next generation has only begun!

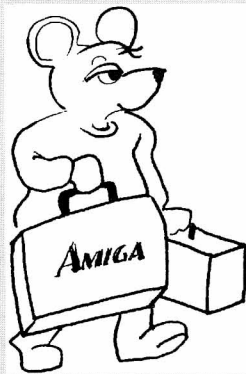
1:30 PM

Digital Creations' Brilliance and the New Amigas!

Digital Creations, creators of the award winning DCTV, will demonstrate Brilliance, the new full-featured paint and animation program. Brilliance not only brings new features to the traditional Amiga platform, but also supports the dynamic new resolutions of the AA Chip set in the new Amiga 4000 and Amiga 1200. Learn how Brilliance and the Amiga can expand your graphic ability!

Seminars continued page 6

Amsoft Is Going Places!



We have outgrown our location of the past eight years and are opening our new main store at 371 Old Kingston Road in Scarborough - Saturday, December 12.

Amsoft carries:

- the complete line of Commodore AMIGA and MS-DOS computers
- the NewTek Video Toaster
- a large and varied software selection
- a full range of peripherals

Our new location also offers:

- a fully-equipped classroom for personal or group instruction, seminars and demonstrations
- a complete on-site service/repair department with quick turn-around time

We look forward to seeing you at the show and at our new main store.

Amsoft Computer Systems

New Main Store
371 Old Kingston Road
Scarborough, Ontario M1C 1B7
(416) 282-7987

557 Markham Road
Scarborough, Ontario M1H 2A3
(416) 431-9452

Authorized Commodore Dealer Since 1984

Saturday seminars continued

2:30 PM

Gold Disk Demonstrates Video Director

Gold Disk shows you how to turn 3 hours of videotape into 30 minutes of entertaining video using Video Director—the complete video editing system for everyone with a camcorder, VCR, and an Amiga.

4:00 PM

Lee Stranahan Presents the Video Toaster

Lee Stranahan is known across the continent for his ability to show people the power of the Video Toaster. In this 1 1/2 hour session, Lee demonstrates all of the various slices of the Toaster including practical tips and techniques that will enable the video professional to increase revenue.

SUNDAY, DECEMBER 6, 1992

10:30 AM

Playmotion: 3-D Character Animation for the Amiga

Rick Dolishny, Amiga animator extraordinaire, presents Will Vinton's Claymation. Animator Jeff Evans, creator of "Atomic Fried Chicken," shows how to design, model, render, and animate lifelike characters on the Amiga.

11:30 AM

Electronic Arts DeluxePaint 4.5

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3:30 PM

Communications Breakthroughs—Moving Into the Next Millenium With GVP

Join Paul Higgenbottom, GVP's Senior Director of Technical Services, for an exciting seminar on PhonePak VFX, GVP's incredible new voice mail system with integrated facsimile capabilities. Learn how this remarkable system, ideal for home use and also for small business applications, actually advances the state of the art in modern communications.

4:30 PM

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Seminar Notice:

All seminars are subject to change without notice. Please check the announcement boards daily for that day's seminar schedule.

REXX PLUS COMPILER

The REXX language has taken the Amiga by storm, surpassing BASIC by light years. REXX is easier to use, it has more functions, and provides a method to control other applications. REXX is more than a programming language, more than a scripting language, it is the ultimate in connectivity software.

Now, just like the users of BASIC, You can compile REXX programs by using the REXX PLUS Compiler. The Intuition interface allows even the most novice user to make programs execute as much as 18 times faster. The REXX PLUS Compiler generates a listing that is easier to read than the original source. The listing contains nesting levels, flagged comments, a symbol table and a cross reference.

Don't just take our word for it, here is what some of the experts have to say about the REXX PLUS Compiler. . . .

Support for REXX PLUS has been excellent. I have had many discussions with the author and have found Dineen Edwards Group to be friendly and quick to assist by phone or by mail. The REXX PLUS Compiler is a major undertaking and a fine adjunct to the ARexx programmer's toolbox. ... The REXX PLUS Compiler is a significant new product which all ARexx programmers should have. Amazing Computing, June 1992

Overall this is a very good product, especially when you consider the work required to get this kind of thing right. The authors have it right... It could well be a future Amiga classic. Amiga Computing UK, November 1992

In summary, the REXX PLUS Compiler is a well-designed utility that does its utmost to support the complete ARexx environment in a transparent fashion. Amiga World, September 1992

Overall, how do I rate the "REXX PLUS Compiler"? Very highly. It does the job and does it well, even elegantly. June 1992, Jump Disk.

REXX Rainbow Library

S E R I E S

STEM/ARRAY Functions

Are REXX Arrays, Compound symbols, Pointers or Subscripts too complex? Simplify them with the Stem/Array Functions. Have you ever wanted to assign a value to a symbol in another REXX program? Assign them with the Stem/Array Functions.

The REXX Rainbow Library Series answers these questions and more with over 100 Stem/Array functions, including string, math, transcendental, and file access functions. The manual is 150+ pages, with chapters dedicated to Symbols, Arrays, Functions Overview, and Stem/Array Functions.

The **Symbols** chapter describes all types of REXX symbols and how to use them, giving complete examples.

The **Arrays** chapter describes how to use compound symbols to form arrays. As well as other complex issues regarding compound symbols.

The **Functions Overview** chapter describes the internal workings of the Stem/Array functions and how to use them. Examples include a description on writing your own array functions with the AssignArray() function.

The **Stem/Array Functions** chapter defines the syntax of over 100 functions, and gives examples of function usage, and results.

The **AssignArray()** function allows you to assign values to other REXX program's symbols.

The REXX Rainbow Library SERIES, Stem/Array Functions, is compatible with both the Interpreter and the REXX PLUS Compiler. Future releases of the REXX PLUS Compiler will allow all functions from the REXX Rainbow Library SERIES to be made built-in.



Dineen Edwards Group

19785 West Twelve Mile Rd. Suite 305
Southfield, Michigan 48076-2553
To order call (313) 352-4288 or
write to the above address

Join us
at Booth
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EXHIBITORS

World of Commodore Toronto Ontario December 1992

Amazing Computing

P.O. Box 2140
Fall River, MA 02722-2140
(508) 678-4200 FAX (508) 675-6002
Booth #230

Pim Publications, Inc., is a committed leader in the Amiga community with the longest running monthly Amiga magazine, *Amazing Computing for the Commodore Amiga*. PiM also publishes the world's only complete Amiga product guide, *AC's Guide to the Commodore Amiga*, as well as *AC's TECH for the Commodore Amiga* —the number one technical resource for the Amiga. *Amazing Computing* is an Amiga magazine filled with timely, accurate, and relevant information, making it the first choice for serious Amiga users. *AC's Guide* is the largest periodical ever published for the Amiga. Published biannually, *AC's Guide* contains complete listings of all the products currently available for the Amiga. The *Guide* also includes complete lists of vendors, users groups, and public domain software. *AC's TECH* is a quarterly disk-based technical magazine for the Amiga with important information for programmers, hardware-types, and serious Amiga users. It is the only Amiga magazine of its kind presently available. See all three publications at AC's booth.

Amiga News

P.O. Box 51
Peterborough, NH 03458
(603) 924-9455
FAX (603) 924-9441
Booth #127

Amiga News is America's No. 1 newspaper for the Commodore Amiga. Featuring the latest in gossip, fact, and opinion, it is hot, controversial, and full-color fun!

AmigaWorld

80 Elm St
Peterborough, NH 03458
(603) 924-0100
FAX (603) 924-4066
Booth #136

AmigaWorld is the leading monthly publication for Commodore Amiga users. Each issue is filled with new product news, hardware, and software reviews, hints and tips, tutorials and much more. Stop by our booth and pick up a copy of the January 1993 issue which features word processing packages and hard drive tips. The issue will also include a round-up of the best PD, shareware, and freeware from 1992. *AmigaWorld's* line of tutorial video tapes which focus on such applications as animation, graphics, music and desktop video will also be offered at the booth. The videos, as well as subscriptions, will be sold at special show prices.

AmiWare

3160 Steeles Ave. E.
Ste. 216
Markham, Ontario L3R 4G9
(416)-940-6840 FAX-Same.
Booth #338

Amsoft Computer Systems

557 Markham Road
Scarborough Ontario, M1H 2A3
(416) 431-9452
FAX (416) 431-9459
Booth #236

Amsoft Computer Systems will be demonstrating Amiga interactive multimedia using touchscreen technology, as well as retailing Amiga computer systems. The New Tek Video Toaster, the Fusion-Forty accelerator, GVP peripherals, and a large selection of software, peripherals, magazines and other computer needs.

AVID Publications

21611 Stevens Creek Blvd
Cupertino, CA 95014
(408) 252-0508
FAX (408) 725-8035
Booth #119

AVID Publications publishes two magazines that focus on video production with the Amiga personal computer. *AVID, The Amiga-Video Journal*, covers the traditional Amiga-Video environment with a special emphasis on *DeluxePaint*, *Imagine*, *DCTV*, the Toaster and other video-oriented Amiga hardware & software. *Video Toaster User* (formerly *Bread Box*) is a brand new magazine that focuses on all aspects of NewTek's Video Toaster. Special emphasis is placed on project-oriented tutorials. Visit our booth for sample copies of each magazine and special World of Amiga subscription offers.

Axiom Software

541 W. 98th St. #322
Bloomington, MN 55420
Booth #129

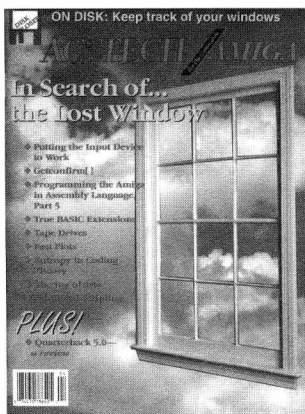
Axiom Software will be showing their new product Pixel 3D Professional. PixPro will be offering fourteen new and improved 3D file format loaders and savers. PixPro will also be offering completely redesigned bitmap conversion capabilities including spline fitting, bitmap font, and structured drawing support. Also, PixPro will be offering simple point editing facilities with a fresh, new interface. Also Anim workshop, a complete animation editor will be shown.

Three of life's essentials:



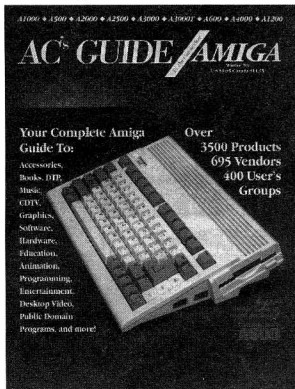
Amazing *For The Commodore* AMIGA[®] COMPUTING™

Amazing Computing For The Commodore Amiga is dedicated to Amiga users who want to do more with their Amigas. From Amiga beginners to advanced Amiga hardware hackers, AC consistently offers articles, reviews, hints, and insights into the expanding capabilities of the Amiga. *Amazing Computing* is always in touch with the latest new products and new achievements for the Commodore Amiga. Whether it is an interest in Video production, programming, business, productivity, or just great games, AC presents the finest the Amiga has to offer. For exciting Amiga information in a clear and informative style, there is no better value than *Amazing Computing*.



AC's *For The Commodore* TECH AMIGA[®]

AC's TECH For The Commodore Amiga is the first disk-based technical magazine for the Amiga, and it remains the best. Each issue explores the Amiga in an in-depth manner unavailable anywhere else. From hardware articles to programming techniques, *AC's TECH* is a fundamental resource for every Amiga user who wants to understand the Amiga and improve its performance. *AC's TECH* offers its readers an expanding reference of Amiga technical knowledge. If you are constantly challenged by the possibilities of the world's most adaptable computer, read the publication that delivers the best in technical insight, *AC's TECH For The Commodore Amiga*.



AC's *To The Commodore* GUIDE AMIGA[®]

AC's GUIDE is a complete collection of products and services available for your Amiga. No Amiga owner should be without *AC's GUIDE*. More valuable than the telephone book, *AC's GUIDE* has complete listings of products, services, vendor information, user's groups and public domain programs. Don't go another day without *AC's GUIDE*!

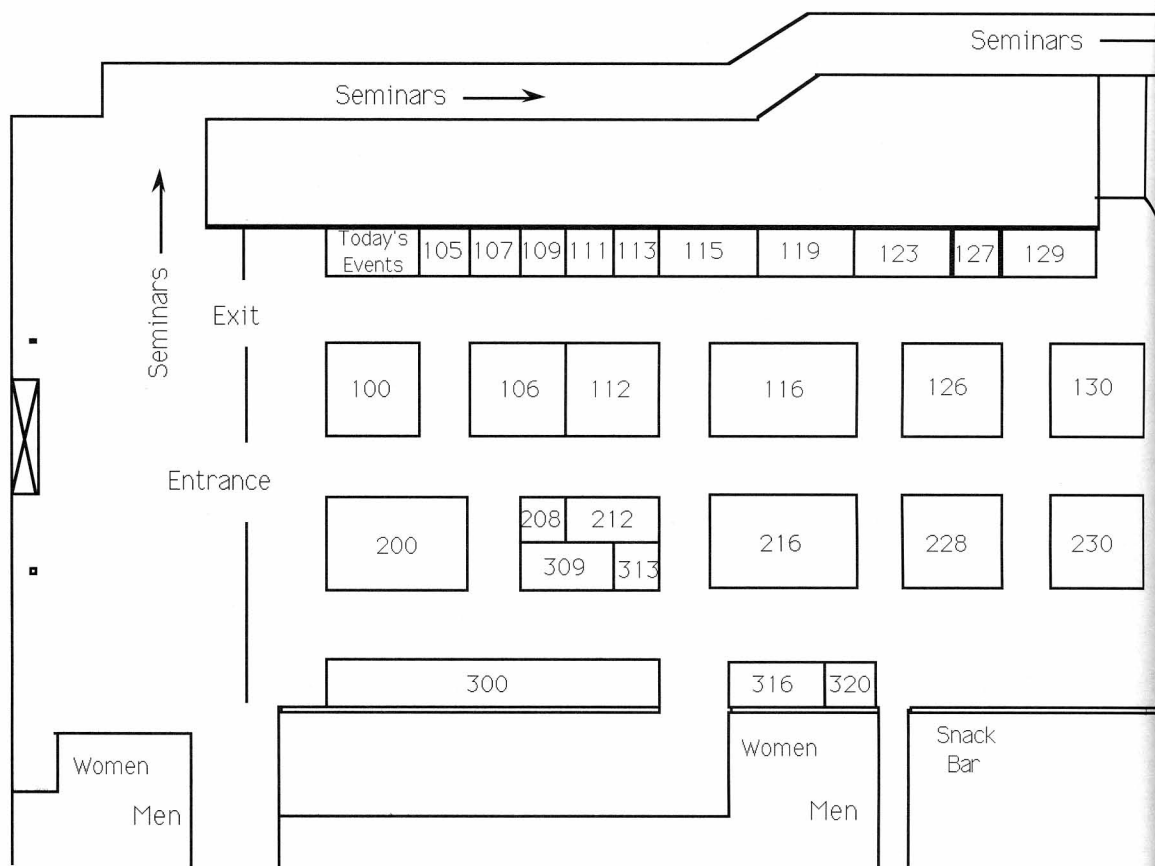
100% of the recommended daily allowance of Amiga information.

1-800-345-3360



world of commodore AMIGA

Toronto, Ontario

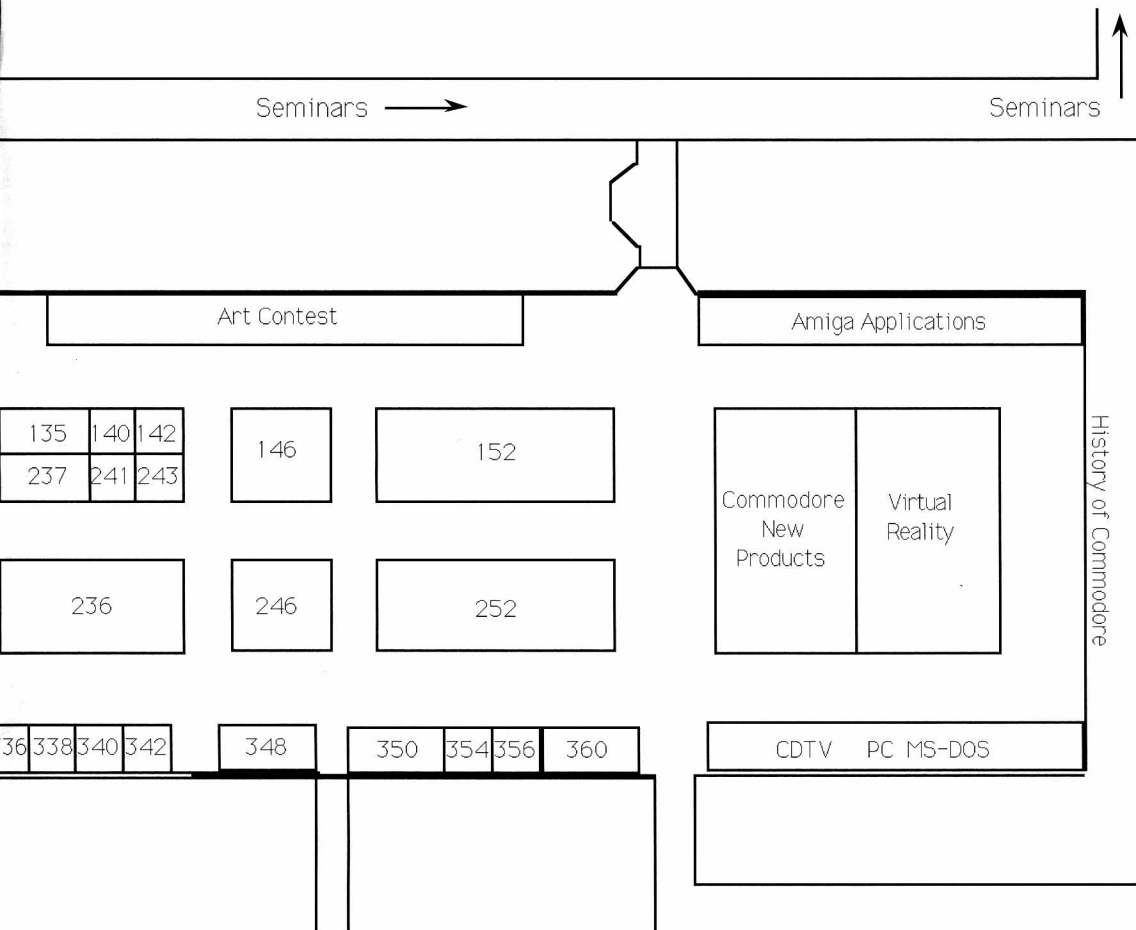


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Show Hours

Friday, December 4, 1992 **10:00 am - 6:00 pm**
Saturday, December 5, 1992 **10:00 am - 6:00 pm**
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For the latest changes, updates,
and revised seminar schedules,
please see the information boards
on the show floor.

Black Belt Systems

398 Johnson Rd.
Glasgow, MT 59230 USA
(406)-367-5509 FAX(406)-367-2329
Booth #336

British Magazine Distributors

225 Bysham Park Dr. #14
Woodstock, Ont. N4T 1P1
(519)-539-0200 FAX (519)-539-9725
Booth #106

Canada Remote Systems

Unit D-1331 Crestlawn Drive
Mississauga, Ontario L4W 2P9
(416) 620-1439
FAX (416) 629-0771
Booth #313

Canada Remote Systems is North America's most popular bulletin board service. Corporate clients, like Sony of Canada, use CRS for private conferencing and e-mail for their dealer network. Individuals download software from North America's largest collection of on-line software and send e-mail to thousands of public conferences worldwide. CSR has a large selection of Amiga software on-line. CSR also sells and supports a complete line of U.S. Robotics modems.

Centaur Software

4451-B Redondo Beach Blvd.
Lawndale, CA 90260 USA
310-542-2226
310-542-9998 (FAX)
BOOTH #100

Centaur Development will be showcasing the exciting new Opalvision 24-Bit Graphics and Video System. Opalvision thrusts the Amiga back into first place as the most powerful video and graphics computer in the industry. The Opalvision Main Board is the core of a modular, expandable system which upgrades the Amiga to true, uncompromised 24 bit RGB graphics. Demonstrations of the Opalvision Main Board and its remarkable painting and image manipulation capabilities using Opalpaint will be featured, as well as demos of OpalAniMATE, the new animation player that lets you run animations at rates up to 60 frames per second, OpalPresents!, King of Karate, and other included software.

Commodore Business Machines, Ltd.

3470 Pharmacy Ave.
Agincourt, Ontario M1W 3G3
(416)-499-4292 FAX (416)-494-9755
Booth #186

Commodore will show the full line of Amiga and MS-DOS compatible computers at the tenth World of Commodore show. New products include: Amiga A600HD, Amiga A1200, Amiga A4000, Amiga 3000T/040, A570 CD-ROM drive for the A500, Amiga A3000 bundled with Scala 200 multimedia software and the CDTV Professional Pack. New MS-DOS compatible products include the C386SX-25, C386-33C, C486SX-25, C486-33C, and a line of Commodore Notebook PC's. A Virtual Reality exhibit, an A4000 art contest, a historical display of Commodore computers and a varied seminar program rounds out the booth.

Computer Express, Inc.

7050A Bramalea Rd. Unit 13
Mississauga, Ontario L5S 1T1
(416)-672-5595 FAX(416)-672-5597
Booth #300

Computer express will be showcasing Commodore PC, Amiga, CDTV hardware and software along with C64 software. Stop by our booth for great prices & selection.

Computer & You

5230 Dundas St. W.
Etobicoke, Ontario M9B 1A8
Booth #112

Computer Variables

155 E. Beaver Creek Rd. Unit 27
Richmond Hill, Ont. L4B 2N1
(416)-771-6807 FAX(416)-771-6810
Booth #252

Comspec

74 Wingold Ave.
844 Wilson Ave.
Toronto, Ontario M6B 1P5
(416)-633-5605 FAX(416)-785-3668
Booth #252

Compsec will feature the following products in their booth: Sign cutting software and hardware by Parallel Motion Graphics and Roland, 3D modeling and animation software by Adspec Programming and LaserCraft, 24-bit graphics by Digital Creations and Centaur Development, video processing by Digital Processing Systems, accelerators by RCS Management, DTP software by Gold Disk, video editing and switching by Gold Disk, NewTek, and Interactive Micro and sound and music composition products by Sunrize & Blue Ribbon Soundworks.

Datacorp Distribution & Great Valley Products Inc.

431 Hampton Court
D. D. O. Quebec H9G 1L1
(514) 624-4700
FAX (514) 620-7136
Booth #246

Six fully equipped workstations will be operating to show you the best of Great Valley Products Inc. Cinemorph and Image F/X software for powerful image processing; the new G-Lock (low cost/high quality external genlock packed full of features); GVP's new GForce040 - the fastest accelerator available for your A2000; the A530 Turbo (the ultimate A500 accessory). A fully featured Impact Vision workstation will be showing some of the uses of this incredible card, while the revolutionary Phonepak VFX voicemail/fax demonstration will show the amazing productivity now available to the Amiga user. Keep plenty of time available to visit this feature packed booth. Datacorp Distributions is the Canadian distributor for GVP and supplies the Canadian dealer base with these and many other fine Amiga peripherals.

Digital Creations

P.O. Box 97
Folosom, CA 95763
(916) 344-4825 FAX (916) 635-0475
Booth #309

Digital Creations will be showing the recently released RGB Converter for DCTV. The RGB Converter allows doing mixed mode presentations on one standard RGB monitor and allows using an external genlock with DCTV. Digital Creations will also be showing Brilliance, the new full-featured paint and animation program. Brilliance supports all Amiga modes including those AGA modes on the new Amiga 4000.

Dineen Edwards Group

19785 West Twelve Mile Road
Suite 305
Southfield, MI 48076-2553
(313) 352-4288
FAX upon request
Booth #342

The Dineen Edwards Group will be introducing their new product line, the "REXX Rainbow Library Series". The series contains function libraries for both the novice and advanced REXX programmers. The function libraries are fully compatible with the REXX Plus Compiler and the Interpreter. The first product in the series is the Stem/Array Functions. It introduces the REXX programmer to Arrays and aids in array manipulation with over one hundred (100) functions. The Dineen Edwards Group will also be demonstrating the REXX Plus Compiler and compiled REXX programs. The Compiler generates programs that execute up to 18 times faster. Bring your REXX programs to booth #342 and fly them faster than they have ever been flown before.

Disks & Labels to Go, Inc.

Robert Peters
Route 206
East Hampton Business Park
Mt Hooly, NJ 08060
(609) 265-1500 FAX (609) 265-0818
Booth #115

Disks & Labels to Go is your one-stop shopping facility for diskette duplication, packaging, mail fulfillment, computer supplies, and accessories. Diskettes will be available in 24 colors for color coordinating. Some other products include ribbons, computer paper, ink jet refills, disk drive cleaning kits and quick-reference books.

Electronics 2001 Ltd.

4744 Yonge St.
Willowdale Ontario M2N 5M6
(416) 229-2700
FAX (416) 229-4378
Booth #152

Electronics 2001, one of Canada's major dealers for Commodore Amiga products and peripherals, will be offering everything for the Amiga user. A full line of Commodore hardware and accessories, GVP's Amiga peripherals and accelerators, GVC modems, Digital Creations products, Gold Disk productivity and graphic software, Supra memory expansion products, Psynosis entertainment software, ASDG productivity software, as well as printers from StarMicronics, Epson, and Roland are just some of the products offered by Electronics 2001's professional staff. Let us help you choose the Amiga hardware and software combination that is right for you.

Electronic Arts

1450 Fashion Island Blvd
San Mateo, CA 94404-2064
(415) 571-7171 FAX (415) 571-7993
Booth #146

Electronic Arts is proud to present the #1 selling paint program for the Amiga—which now offers more colors and better screen resolution to Amiga owners using Commodore's new AGA (Advanced Graphics Architecture) chip set. If you own the Amiga 4000 or the Amiga 1200, DeluxePaint IV AGA gives you 256 color support and access to over 262,000 colors (HAM8) at any resolution, including hi-res. That means greater color control and better definition for all your graphics and animations.

Fairbrothers Inc.

5054 S. 22nd. Steet
Arlington, VA 22206
(703) 820-1954
FAX (703) 820-4779
Booth #113

Fairbrothers will be presenting Audio Gallery—an educational software tool for learning foreign languages. Now available in Chinese, Japanese, Russian, French, German, Spanish, Korean, and English. Oriental languages include full character support. Features digitized sound by native speakers and a fun graphical learning format with quizzes and on-line dictionary. Also available from Fairbrothers is Courtroom—an exciting legal affairs simulation, and Digital orchestra—a 30 disk IFF sound sample and sound effects library.

Gold Disk, Inc.

5155 Spectrum Way Unit 5
Mississauga Ontario L4W 5A1
(416) 602-4000
FAX (416) 602-4001
Booth #200

Gold Disk will be premiering two exciting new packages featuring support for the Amiga 4000's AGA chip set—Professional Page 4.0, the next generation in Amiga desktop publishing, and PageSetter 3, a complete low cost page layout, word processing, and graphics system. Also planned are demonstrations of VideoDirector, the complete video editing system for everyone with a camcorder, a VCR, and an Amiga; Professional Draw 3.0 the ultimate in graphics and illustration; and Professional Calc the first professional quality spreadsheet for the Amiga. Be sure to check out our exciting show specials including our popular Power Up specials on Professional Page, Professional Draw, and Professional Calc.

Hamilton Amiga Users Group

4465 Rogers Road
Burlington Ontario L7L 1F2
Booth #123

HAUG would like to invite you to join their club and stop by their booth to see their wide range of PD products.

Hypermedia Concepts, Inc.

5200 Washington Ave., Suite 224
Racine, WI 53406
(414) 632-3766 FAX (414) 632-3983
Booth #241

The Fred Fish Collection on CD ROM— This CD ROM contains the entire 700 disk collection of freely redistributable software compiled by Fred Fish (current as of August 1, 1992). The collection is organized by disk making it possible to locate any file on the disc using all existing indices. The CD ROM is pre-configured for use as a ParNet node allowing the CDTV to be networked with a standard Amiga and used as an intelligent CD ROM drive when using this disk. The disc is compatible with CDTV, the new Commodore A570 CD ROM/CDTV drive, or any stand alone CD ROM drive. Updated every four months. Subscriptions available. Workbench 2.0 compatible.

The Fred Fish Collection On-Line CD ROM contains the entire 750 disk collection of freely redistributable software compiled by Fred Fish— current as of October 1992. The collection has been compressed in LHARC format both by disk and by program. Text files are included describing the collection. The disc is designed for use on BBS systems based on any platform. The disc is preconfigured as a ParNet node when used with the CDTV. Path and filenames conform to the MS-DOS standard. Updated every four months. Subscriptions available. Special offer if purchased with the Fred Fish Collection on CD ROM disc.

ICD Incorporated

1220 Rock Street
Rockford, IL 61101
(815) 968-8550
FAX (815) 968-6888
Booth #130

No compromises—the best products, the best prices, the best support. ICD develops state-of-the-art hardware for Amiga computers. ICD's complete product line of power peripherals includes AdSCSI and AdIDE host adapters and hard drives. AdRAM memory boards, the KickBack ROM switcher, AdSpeed accelerators, FlickerFree Video 2, and Novia and Prima low cost internal hard drives for Amiga 500, 1000, and 2000 computers. World of Commodore Amiga, Toronto, marks the Canadian debut of two exciting new products from ICD.

INOVAtrionics

8499 Greenville Ave. #209B
Dallas, TX 75231
(214) 340-4991
FAX (214) 340-8514
Booth #237

Exciting new products on display from INOVAtrionics include Directory OPUS 4.0, a completely revised, extremely customizable version of this standard Amiga directory utility, and GigaMem, a low cost virtual memory utility that makes your Amiga treat unused hard disk space as if it were free RAM. Also watch for CanDo 2.0, the completely revised new version of this multimedia authoring software for non-programmers. Also on display: TURBOprint Professional 2.0, a printer driver that revolutionizes output quality from standard dot matrix printers, and Vectorstorm, a challenging new arcade game with a difference.

MDL Technologies

2466 Jean-talon E.
Montreal Quebec H2E 1W2
(514) 374-3337
FAX (514) 722-0627
Booth #116

MDL Technologies, the Canadian distributor of the Video Toaster, will be presenting the Video Toaster, and the new 3D video by Tod Rundgren.

Media Innovations

644 1/2 Richmond Street
London, Ontario N6A 3G6
(516) 434-3210
FAX (516) 434-7466
Booth #354

Media Innovations is a Canadian company specializing in Amiga-based multi-media presentation and production systems. Media Innovations will be demonstrating their multi-media services including 3D graphics creation, digital audio sampling, MIDI sequencing and morphing. Samples of work by Media Innovations will be available at a nominal charge. Samples include demo tapes, posters, and T-Shirts.

Memory World

Street Road & Bristol Pike
3070 Bristol Pike
Neshaminy Plaza 1, Ste. 213
Bensalem, PA 19020
(215) 244-7930
FAX (215) 244-7932
Booth #105

The Experts—nobody knows more about upgrading your machine than we do. Special show prices on DRAM and SIMM modules, including GVP memory for hard drives and accelerators. We carry all IVS hard drive controllers and the new Vector accelerator. We also carry the incredible CSA Mega-Midget Racer accelerator, which is America's favorite entry-level, thoroughly professional, 68030-based accelerator board. A3000 zip memory with instructions. Introducing CSA's new Derringer accelerator. Memory and chips for everything made!

Micro R&D

721 "O" Street
P.O. Box 130
Loup City, NE 68853
(303) 745-1243
FAX (308) 745-1246
Booth #320

Micro R&D will be showing the latest products from Omni-Eureka as well as their own power supply products for Amiga computers. New products from Omni-Eureka include the Pyramid Hand Scanner, a true 64 level grey scale scanner, the Swift mouse three button high resolution mouse, the Pyramid Stereo Sound Sampler, MIDI interface, Sound Enhancer, Mouse Master and the Pyramid Memory Cards for the A-500 and A-600.

If you want more—full-page, high-resolution scanning in a single pass—but can't afford a flatbed scanner, Migraph has the answer.

With our new scanning solution, less is more. Much more. You get *three* powerful tools—a full-page scanning wand, a powerful image editor, and a professional-quality OCR text processor—all for less than the price of a flatbed alone.

A wand that works like magic.

The Migraph PS-400 has the productivity features you value most in a scanner: A scanning area 8-1/2 x 14 inches. Three text-scanning resolutions—200, 300, and 400 dots per inch (dpi). Thirty-one resolutions for scanning images—from 100 to 400 dpi in 10 dpi increments. Adjustable contrast. Four dither settings for scanning photographs. Plus a special line-art setting.

And for high-volume operations, the PS-400 has an optional sheet feeder. Just snap the wand into the cradle, and you can quickly scan multi-page documents and stacks of images.

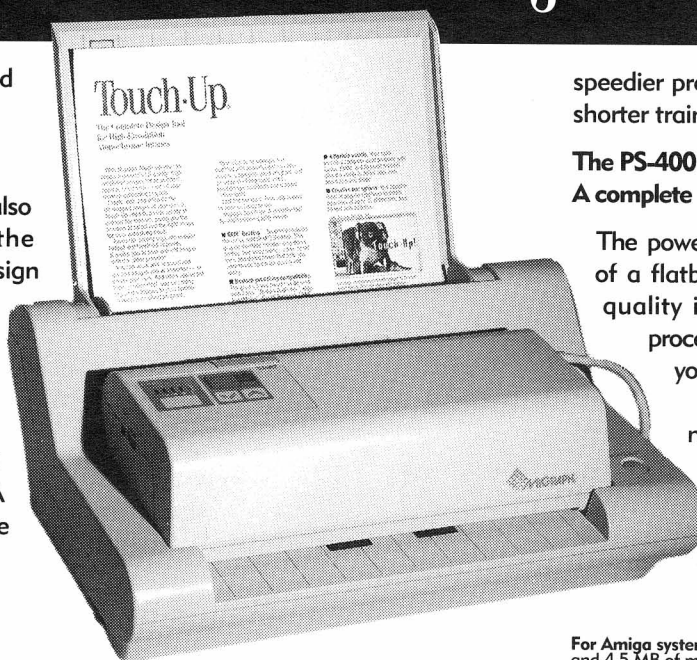
A scanner with an artist's touch.

Inside the PS-400 box you'll also find Migraph Touch-Up®—the complete image editor and design tool for monochrome images.

Scan, edit, and enhance—even create original images. With Touch-Up you can do it all. Its powerhouse features include built-in scanner support and extensive editing functions. A complete paint program. Flexible

Introducing the Migraph PS-400 Scanning Wand

A Full-page Scanning Solution. For Images. Words. And Limited Budgets.



editing tools. Special effects. Even grey-scale image conversion—up to 256 levels.

And Touch-Up imports and exports a wide variety of file formats, so it's compatible with most publishing and video applications.

The desktop publisher's favorite reader.

With Migraph OCR, the third tool in our scanning solution, you can scan *and* process documents into editable ASCII text files—and say good-bye to hours spent retyping printed originals.

Thanks to Omnifont technology—the leading edge in optical character recognition—Migraph OCR can process text quickly and accurately. It automatically recognizes over 20 widely used typefaces in type from 8 to 18 points.

And you can easily train our powerful software to recognize any other typefaces, symbols, and special characters you come across.

You can rely on Migraph OCR for speedier processing, fewer errors, and shorter training time.

**The PS-400 Scanning Wand:
A complete scanning solution.**

The power, speed, and convenience of a flatbed scanner. Professional-quality image-editing and OCR-processing software. And a price you can afford.

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For Amiga systems with 14.3 MHz speed (or higher)
and 4.5 MB of memory

For Atari systems with 4 MB of memory



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Migraph Inc.

32700 Pacific Highway S., Ste 12
Federal Way, WA 98003
(206) 838-4677
FAX (206) 838-4702
Booth #208

Migraph will be showing their complete line of scanning and imaging products for the Amiga. Our newest addition, the Migraph PS-400 Full-Page Scanning Wand scans color or monochrome full page images in one pass. Migraph OCR (Optical Character Recognition) turns any scanned monochrome IFF or TIFF file into an editable text file. The Migraph Hand Scanner and Touch-Up is an inexpensive way to scan and edit images for desktop publishing. Stop by our booth and see how these products can meet your imaging needs! We're looking forward to a great show!

Moonlighter Software, Inc.

3208-C East Colonial Drive
Suite 204
Orlando, FL 32803
(407) 384-9484
FAX (407) 384-9391
Booth #241

Ami-Back version 2.0 is the fastest hard disk backup program for the Amiga. It is the solution of choice for all your data backup needs. Designed to be both powerful and flexible, Ami-Back gives you complete control over the backup process. There is no other backup program for the Amiga that can even come close to offering the features, ease of use, and reliability of Ami-Back.

Ami-Back Tools version 1.0 is a collection of disk utilities designed to keep your floppy and hard drives performing flawlessly. Some main features include Disk optimization to maximize disk performance, a disk repair utility which automatically diagnoses and repairs problems and an un-delete function which quickly finds and recovers lost files, and much more. Ami-Back Tools represents over a year of development from concept to completion. The suggestions of hundreds of Amiga users were considered and evaluated as the features of Ami-Back Tools went from idea stage to software code.

Neutron Computers

809 Victoria St. N.
Kitchener, Ontario N2B 3C3
(519) 742-9821
FAX (519) 742-8060

Neutron Computers carries a variety of products for the computer user including GVC modems, printers, peripherals, as well as Amiga, IBM, and CDTV software and computers.

Nomi Computer Sense

404 Steelers Ave. W #206
Thomhill, Ontario L4J 6X3
(416) 771-1244
FAX (416) 777-1221
Booth #142

Kodak diskettes, computer paper, Keyboard Skins, Amiga software, wrist supports, and more will be featured in the Nomi Computer-Sense booth. Stop by and say hello while picking up the perfect products to complete your Amiga's needs.

Premier Software

P.O. Box 3782
Redwood City, CA 94064
(415) 593-1207
Booth #243

Amiga Public Domain and Shareware collected by category and grouped by specific areas of interest. Disks packaged with complete Workbench and CLI access for ease of use by novice and expert users. Each disk contains author's documentation. All disks come with bright colored labels. Titles include telecommunications, utilities, graphics, video, and Toaster utilities. Call for instant **AMIGA-HELP** at (415) 593-1207, daily until 11:00pm.

RCS Management

120 McGill St.
Montreal Quebec H2T 2E5
(514) 871-4924
FAX (514) 871-4928
Booth # 111

Talk with the company who provides the Fusion-Forty family accelerators for the Amiga 2000.

Scala Inc.

112110 Sunset Hills Rd.
Reston, VA 22090
(703) 709-8043
FAX (703) 709-8242
Booth #350

Scala Inc. (Reston, VA) is proud to announce that ScalaMM200 will ship for the first time in North America at the WOC show.

"Scala MM200 is possibly the best multimedia package on the face of the planet... One look at ScalaMM200 will convince you that Scala has placed the Amiga, once again, as the world's best multimedia machine. Thanks Scala!" Gary Fenton, *Amiga User International* (August 1992)
Register for free product drawings each day and see the new Scala MM200, which combines the most upbeat graphics, animations, soundtracks, and special effects ever.

Soft-Logik Publishing Corp.

11131 F. South Towne Square
St. Louis, MO 63123 USA
(314)-894-8608 FAX(314)-894-3280
Booth #316

Art Expression 1.0: This new illustration program features bending text on curves, warping text in shapes, and color blends. Available: NOW.
TypeSmith 1.0: Soft-Logik is proud to announce the first professional outline font editor for the Amiga. TypeSmith can create and edit PostScript Type 1, Compugraphic Intellifont and Soft-Logik format fonts. Available: Jan 1993.
PageStream 2.2: The number one selling desktop publishing program for the Amiga. PageStream is so popular because it has the best interface, the most features, and the best font and graphic support.
HotLinks Editions 1.1: HotLinks Editions combines PageLiner, BME and HotLinks. PageLiner is a text processor, BME is a bitmap editor and autotracer, and HotLinks is the Amiga's data exchange standard.
Typeface and Graphic Libraries: Over 3000 professional illustrations and 600 PostScript fonts for desktop publishing.

TPUG

5334 Yonge St. #116
Willowdale, Ontario M2N 6M2
Booth # 107

The world's best Commodore user group will be accepting new members to our club as well as selling a great selection of public domain software. Be sure to drop by our booth.

Videographix, Inc.

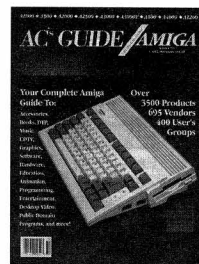
12219 Nicollet Ave. South
Burnsville, MN 55337 USA
Booth #212

DESKTOP VIDEO. It's an exciting world that is developing everyday...don't miss a moment of it! Videographix, Inc. produces a bi-monthly periodical on videotape for people interested in computer graphics, desktop video and video production.

Whitestone

511-A Girard SE
Albuquerque, NM 87106 USA
Booth #230

WHITESTONE USA presents The ARexx Cookbook. This best selling tutorial guide to ARexx makes learning ARexx easier than ever before; guaranteed. Drop by the *Amazing Computing* booth, meet the author, Merrill Callaway, and pick up your own autographed copy of the The ARexx Cookbook.

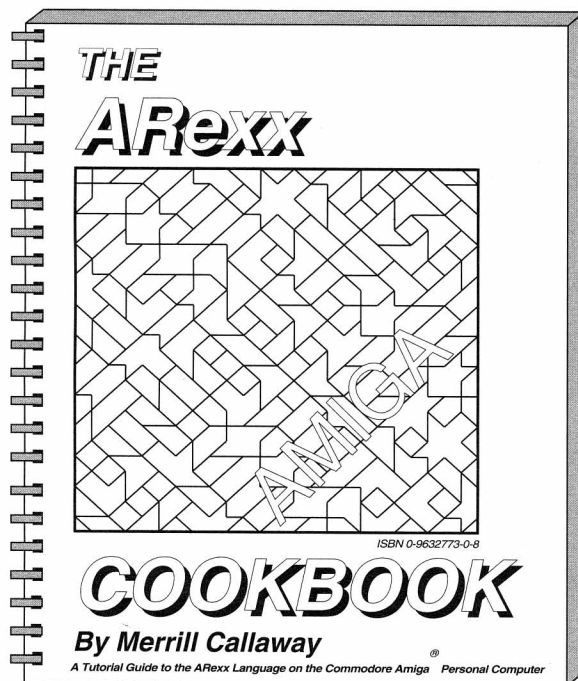


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for the Commodore Amiga
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guide ever made!*

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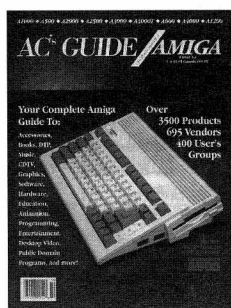
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the book
on ARexx!**

GOTTA GETTA GUIDE!



Looking for a specific product for your Amiga but you don't know who makes it? Want a complete listing of all the Fred Fish software available? Just looking for a handy reference guide that's packed with all the best Amiga software and hardware on the market today?

If so, you need **AC's GUIDE for the Commodore Amiga**. Each **GUIDE** is filled with the latest up-to-date information on products and services available for the Amiga. It lists public domain software, user's groups, vendors, and dealers. You won't find anything like it on the planet. And you can get it only from the people who bring you the best monthly resource for the Amiga, **Amazing Computing**.

GET A GUIDE AT BOOTH # 230

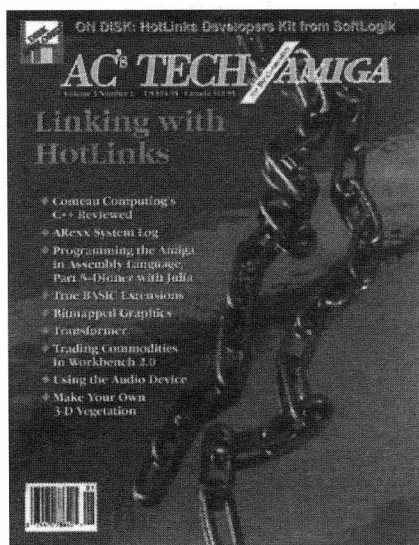
Fred Fish?

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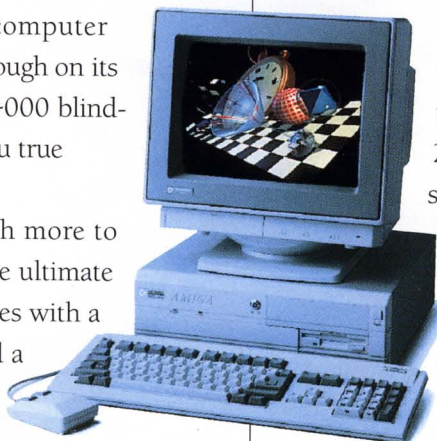
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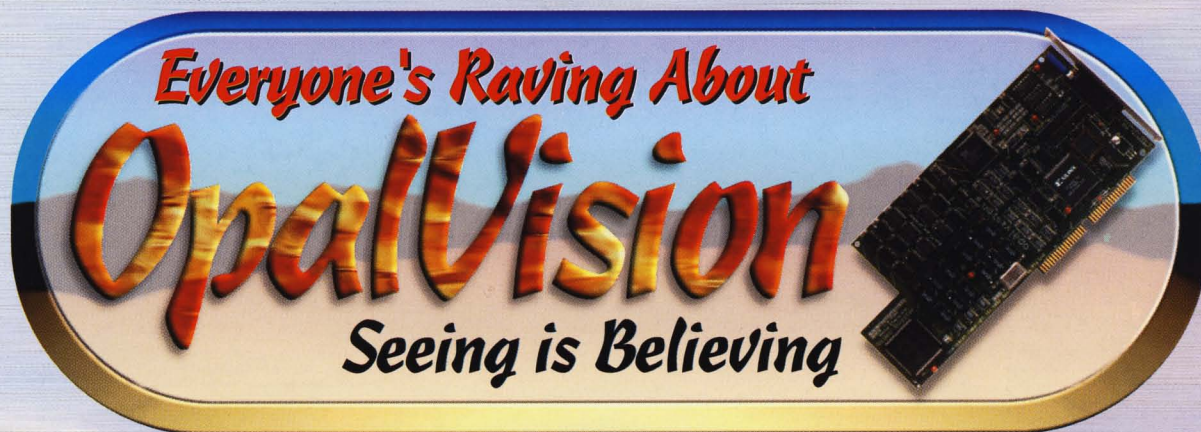


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